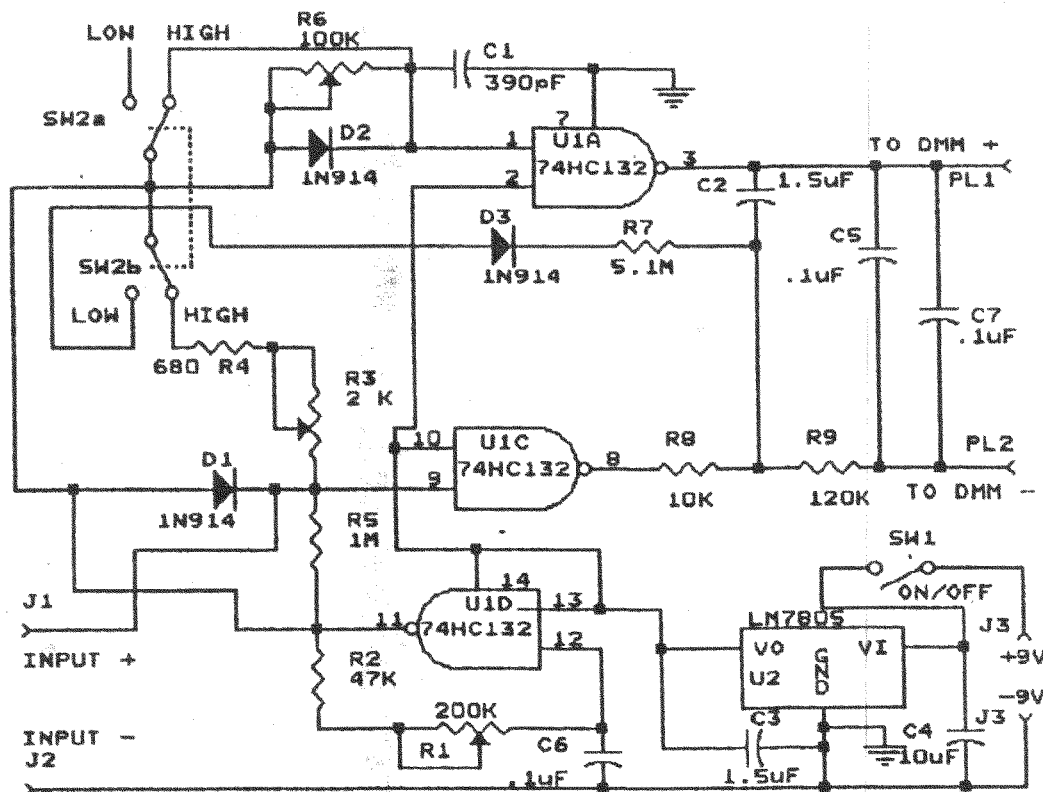
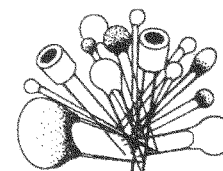
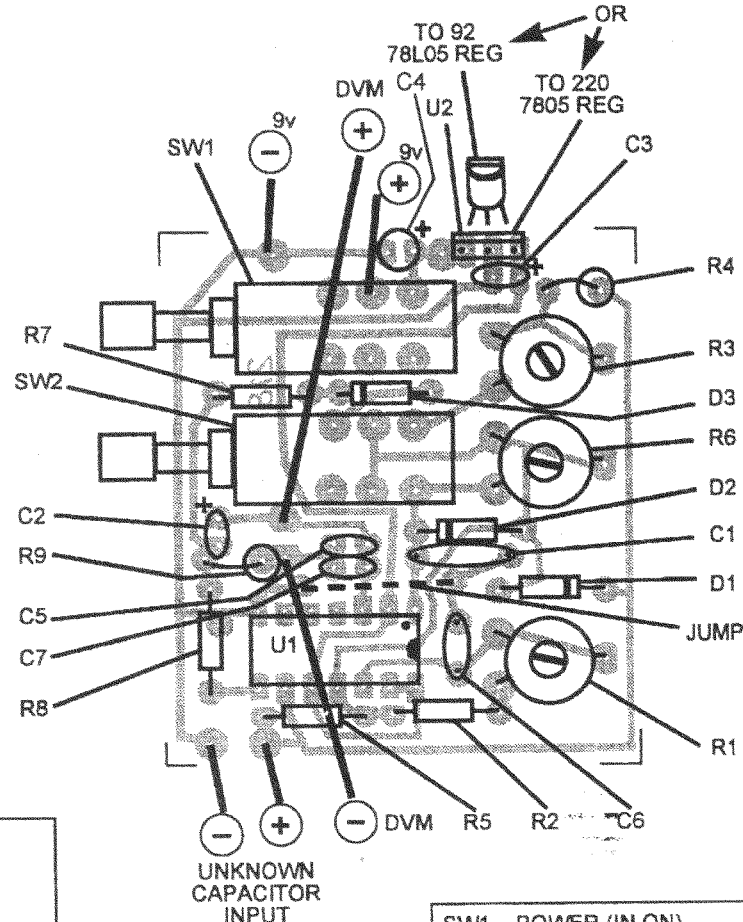




R1 200K TRIM POT
 R2 47K RES (YEL VIO ORA)
 R3 2K TRIM POT
 R4 680 OHM RES (BLU GRA BRN)
 R5 1 MEG (BRN BLK GRN)
 R6 100K TRIM POT
 R7 5.1 MEG RES (GRN BRN GRN)
 R8 10K RES (BRN BLK ORG)
 R9 120K RES (BRN RED YEL)
 PC BOARD 080-00218

C1 390 or 391pF MONO OR MICA
 C2 C3 1.0 OR 1.5uF TANTALUM
 C4 10uF ALUM ELECT
 C5 C6 C7 .1uF MONO (104 OR .1)
 D1 D2 D3 1N914 OR IN4148 DIODES
 SW1 SW2 PC MOUNT PUSH SWITCHES
 U1 74HC132 QUAD SCHMITT TRG
 U2 LM7805 OR LM78L05 VOLTAGE REG
 J1 J2 INPUT JACKS
 J3 9 VOLT BATTERY CONN.



SW1 POWER (IN ON)
 SW2 RANGE (IN HIGH)
 R1 LOW CALIBRATE
 R3 HI CALIBRATE
 R6 ZERO (LOW RANGE)

ASSEMBLY INSTRUCTIONS

INSTALL THE FIXED RESISTORS, U1 AND U2 - WATCH ORIENTATION OF IC'S
 INSTALL THE POTS, CAPACITORS, AND THE SWITCHES - WATCH C4 POLARITY
 INSTALL THE BATTERY CONNECTOR AND CONNECT THE INPUT CONNECTOR
 YOU MUST SUPPLY THE OUTPUT CONNECTORS THAT MATCH YOUR DMM
 THIS COMPLETES ASSEMBLY OF YOUR KIT. CHECK YOUR WORK CAREFULLY NOW!

INSTALL TEST AND CALIBRATION

CONNECT YOUR COMPLETED KIT TO YOUR DMM AND SET DMM TO THE 2V - RANGE
 CONNECT A 9V ALKALINE BATTERY AND TURN ON POWER SWITCH. SET THE
 RANGE SWITCH (SW2) TO LOW (OUT). ADJUST R6 TO A READING OF ZERO.
 CONNECT THE 1000pF CAP ACROSS THE INPUT CONNECTOR. ADJUST R1 FOR A
 READING OF 1.000 V. SET SW2 TO HIGH (IN). CONNECT A 1.0 uF CAP TO THE INPUT
 TERMINALS. ADJUST R3 FOR A READING OF 1.000V.

JAMECO
 ELECTRONIC COMPONENTS
 COMPUTER PRODUCTS

CA-1

158001

**Capacitance
 Adapter**

1355 Shoreway Road
 Belmont CA 94002
 650-592-8097

10/27/98